

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------|---|------------------|---------|---------------------|
| L1 | 2 | EP "658632" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 15:51 |
| L2 | 0 | WO "200070107" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 15:51 |
| L3 | 1 | WO "0070107" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 15:51 |
| L4 | 143 | Dalmine.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:16 |
| L5 | 12 | (TUBOS and ACERO and MEXICO).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:16 |
| L6 | 13 | (TUBOS and ACERO).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:16 |
| L7 | 125 | (TUBOS).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:16 |

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| L8 | 264 | L4 or I5 or I6 or L7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:16 |
| L9 | 11 | L8 and ("2008" or "2009").py. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:17 |
| L10 | 6 | (Marco near2 Tivelli).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:18 |
| L11 | 8 | (Izquierdo near2 Alfonso). in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:18 |
| L12 | 3 | (Colleluori near2 Dionino). in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:18 |
| L13 | 3 | (Cumino near2 Guiseppe). in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:19 |
| L14 | 9 | L10 or L11 or L12 or L13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:19 |
| L15 | 552 | 148/519,590,909.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:24 |

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| L16 | 3676 | 420/89-93,104-114,123-124,127.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L17 | 2777 | C22C038/04 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L18 | 5702 | C22C38/06 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L19 | 5000 | C22C038/06 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L20 | 3793 | C22C38/04 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L22 | 1702 | C22C38/08 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:25 |
| L23 | 1470 | C22C038/08 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L24 | 3204 | C22C38/12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |

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| L25 | 2525 | C22C038/12 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L26 | 4951 | C22C038/14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L27 | 5969 | C22C38/14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L28 | 3859 | C22C38/18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L29 | 3090 | C22C038/18 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L30 | 1649 | C22C038/22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L31 | 2091 | C22C38/22 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L32 | 1616 | C22C38/24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |

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| L33 | 1246 | C22C038/24 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L34 | 958 | C22C038/26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L35 | 1158 | C22C38/26 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L36 | 2091 | C22C38/28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L37 | 1595 | C22C038/28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L38 | 1656 | C22C038/40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:26 |
| L39 | 2090 | C22C38/40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L40 | 3103 | C22C38/44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |

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| L41 | 2408 | C22C038/44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L42 | 967 | C22C038/46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L43 | 1435 | C22C38/46 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L44 | 1585 | C22C38/48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L45 | 1238 | C22C038/48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:27 |
| L46 | 68827 | L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32 or L33 or L34 or L35 or L36 or L37 or L38 or L39 or L40 or L41 or L42 or L43 or L44 or L45 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L47 | 1574 | C21D8/10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L48 | 1219 | C21D008/10 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |

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| L49 | 2145 | C21D009/08 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L50 | 3170 | C21D9/08 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L51 | 207 | C21D9/14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L52 | 89 | C21D009/14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L53 | 73939 | L46 or L47 or L48 or L49 or L50 or L51 or L52 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L54 | 3560 | M27-C02\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:28 |
| L55 | 75459 | L53 or L54 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:29 |
| L56 | 6966 | L55 and ("2008" or "2009").py. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:29 |

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| L57 | 170 | L56 and (seamless) and (pipe or piping or tube or tubing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:29 |
| L58 | 1284 | L56 and (carbon or c!) and (manganese or mn!) and (molybdenum or mo!) and (chromium or cr!) and (vanadium or v!) and (niobium or nb!) and (nickel or ni!) and (aluminum or aluminium or al!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:30 |
| L59 | 386 | L58 and (pipe or piping or tube or tubing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:30 |
| L60 | 78 | L57 and L58 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:31 |
| L61 | 92 | L57 not L60 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:34 |
| L62 | 44 | (US-20080047635-\$ or US-20080257459-\$ or US-20020011284-\$ or US-20080219878-\$ or US-20020150497-\$ or US-20080314481-\$ or US-20070089813-\$).did. or (US-6517643-\$).did. or (DE-10016441-\$ or WO-9831843-\$ or WO-2007017161-\$ or EP-1627931-\$ or WO-2004097059-\$).did. or (JP-09118919-\$ or JP-09111343-\$ or JP-06172858-\$ or JP-06172857-\$ or JP-62149814-\$ or JP-60067623-\$ or JP-57134517-\$).did. or (JP-2002327234-\$ or JP- | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/09/11 16:34 |

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|-----|----|--|---|-----|----|---------------------|
| | | 05112844-\$ or WO- 2004031420-\$ or WO- 03006699-\$ or WO- 02079526-\$ or JP- 54157718-\$ or JP- 02050916-\$ or JP- 2001240913-\$ or JP- 2000119749-\$ or JP- 2000104117-\$ or JP- 07026323-\$ or WO- 9800569-\$ or JP- 06322477-\$ or WO- 0194655-\$ or EP-320003- \$ or JP-04002715-\$ or WO-2004106572-\$ or JP- 06184635-\$ or JP- 61238917-\$ or CN- 1368612-\$ or JP- 2001192773-\$ or JP- 2000169913-\$ or WO- 9838345-\$ or WO- 2004097059-\$).did. | | | | |
| L63 | 91 | L61 not L62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/09/11 16:34 |
| S1 | 7 | (6260789 4721536 4814141 5720920 5454883 6517643 4020312).pn. | USPAT | ADJ | ON | 2008/11/25 11:51 |
| S2 | 15 | (20050217768 20030155052 20050000601 20050039826 20050076975 20050167013 20050217768 20060130945 20060169368 20060219326 20070089813 20050076975 20050087269 20030155052 20080047635 20070116975 20080047635 20070246130 20070216126 20070116975) | US-PGPUB | ADJ | ON | 2008/11/25 11:53 |
| S3 | 1 | WO "0070107" | DERWENT | ADJ | ON | 2008/11/25 11:53 |

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| S4 | 1 | "11229079" | DERWENT | ADJ | ON | 2008/11/25 11:53 |
| S5 | 1 | WO "2004031420" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S6 | 1 | "10176239" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S7 | 1 | "11140580" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S8 | 1 | "60077926" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S9 | 1 | WO "2008000300" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S10 | 2 | "3965708" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S11 | 1 | "2007196237" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S12 | 4 | "2006009078" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S13 | 1 | "2001240913" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S14 | 1 | "2000119749" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S15 | 1 | "2000104117" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S16 | 1 | "09287027" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S17 | 1 | "09235617" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S18 | 1 | "09209079" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S19 | 1 | "07207410" | DERWENT | ADJ | ON | 2008/11/25 11:54 |
| S20 | 1 | "07179941" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S21 | 1 | "07041855" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S22 | 1 | "07026323" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S23 | 1 | "06172855" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S24 | 1 | "06172857" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S25 | 1 | "06172858" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S26 | 1 | "60077962" | DERWENT | ADJ | ON | 2008/11/25 11:55 |

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| S27 | 1 | "2003180290" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S28 | 1 | "2003151269" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S29 | 1 | "2003143764" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S30 | 1 | DE "69830707" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S31 | 1 | WO "2005113848" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S32 | 1 | EP "1598437" | DERWENT | ADJ | ON | 2008/11/25 11:55 |
| S33 | 1 | DE "69823126" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S34 | 1 | EP "1426453" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S35 | 1 | FR "2847271" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S36 | 1 | "2004131802" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S37 | 1 | "2004131802" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S38 | 1 | EP "1382703" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S39 | 1 | EP "1375683" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S40 | 1 | "2003328079" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S41 | 1 | EP "1354973" | DERWENT | ADJ | ON | 2008/11/25 11:56 |
| S42 | 1 | EP "1325967" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S43 | 1 | EP "1312690" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S44 | 1 | WO "2003006699" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S45 | 1 | WO "2002103070" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S46 | 1 | EP "1264910" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S47 | 2 | "2002327234" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S48 | 1 | EP "1231289" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S49 | 1 | WO "0194655" | DERWENT | ADJ | ON | 2008/11/25 11:57 |

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| S50 | 1 | "2001303130" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S51 | 1 | "2001262268" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S52 | 1 | WO "0162998" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S53 | 1 | "2001234242" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S54 | 1 | DE "10023488" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S55 | 1 | WO "0070107" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S56 | 1 | EP "924312" | DERWENT | ADJ | ON | 2008/11/25 11:57 |
| S57 | 1 | "10176239" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S58 | 1 | DE "69730739" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S59 | 1 | "07090477" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S60 | 1 | "06336639" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S61 | 1 | "06322477" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S62 | 1 | "05112843" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S63 | 1 | "05112844" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S64 | 1 | "04341540" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S65 | 1 | "04002715" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S66 | 1 | "02050916" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S67 | 1 | EP "320003" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S68 | 1 | GB "2131832" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S69 | 1 | FR "2536765" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S70 | 1 | FR "2535343" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S71 | 1 | "58037120" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S72 | 1 | "57104623" | DERWENT | ADJ | ON | 2008/11/25 11:58 |

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| S73 | 1 | "57035625" | DERWENT | ADJ | ON | 2008/11/25 11:58 |
| S74 | 1 | EP "43866" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S75 | 1 | "56112440" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S76 | 1 | "56003655" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S77 | 1 | "54157718" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S78 | 1 | "54131522" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S79 | 1 | GB "1491729" | DERWENT | ADJ | ON | 2008/11/25 11:59 |
| S80 | 72 | S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S31 or S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or S46 or S47 or S48 or S49 or S50 or vL53 or S52 or S53 or S54 or S55 or S56 or S57 or S58 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72 or S73 or S74 or S75 or S76 or S77 or S78 or S79 | DERWENT | ADJ | ON | 2008/11/25 12:02 |
| S81 | 6 | "4721536" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:06 |
| S82 | 18 | "4814141" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:06 |

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| S83 | 2 | EP "658632" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:06 |
| S84 | 1 | WO "0070107" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:06 |
| S85 | 5 | (Marco near2 Tivelli) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:07 |
| S86 | 7 | (Alfonso near2 Izquierdo) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:07 |
| S87 | 3 | (Guiseppe near2 Cumino) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:07 |
| S88 | 7 | S85 or S86 or S87 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:07 |
| S89 | 6 | (Tubos De Acero).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:08 |
| S90 | 143 | (Dalmine).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:08 |

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| S91 | 540 | 148/519,590,909.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:10 |
| S92 | 1143 | C21D008/10.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:11 |
| S93 | 2017 | C21D009/08.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:11 |
| S94 | 48 | C21D009/14.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:11 |
| S95 | 3227 | S91 or S92 or S93 or S94 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:11 |
| S96 | 231 | S95 and (carbon or C) and (manganese or Mn!) and (molybdenum or mo!) and (chromium or Cr!) and (vanadium or V!) and (niobium or Nb) and (nickel or Ni!) and (aluminum or aluminium or al!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:13 |
| S97 | 3627 | 420/89-93,104- 114,123,124,127.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:14 |
| S98 | 2369 | C22C038/04.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |

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| S99 | 4721 | C22C038/06.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S100 | 1363 | C22C038/08.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S101 | 2327 | C22C038/12.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S102 | 4742 | C22C038/14.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S103 | 2911 | C22C038/18.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S104 | 1482 | C22C038/22.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S105 | 1158 | C22C038/24.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S106 | 898 | C22C038/26.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |

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| S107 | 1521 | C22C038/28.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S108 | 1568 | C22C038/40.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S109 | 2171 | C22C038/44.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S110 | 863 | C22C038/46.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S111 | 1153 | C22C038/48.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:15 |
| S112 | 2717 | M27-C02\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:16 |
| S113 | 30356 | S97 or S98 or S99 or S100 or S101 or S102 or S103 or S104 or S105 or S106 or S107 or S108 or S109 or S110 or S111 or S112 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:16 |
| S114 | 2985 | S113 and (carbon or C) and (manganese or Mn!) and (molybdenum or mo!) and (chromium or Cr!) and (vanadium or V!) and (niobium or Nb) and (nickel or Ni!) and (aluminum or aluminium or al!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:17 |

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| S115 | 1308 | S113 and (carbon or C) and (manganese or Mn!) and (molybdenum or mo!) and (chromium or Cr!) and (vanadium or V!) and (niobium or Nb) and (nickel or Ni!) and (aluminum or aluminium or al!) and (silicon or si!) and (phosphorus or P!) and (sulphur or sulfur or S!) and (titanium or ti!) and (nitrogen or N!) and (copper or cu!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:17 |
| S116 | 449 | S115 and (tube or pipe or seamless or seam-less or guidepipe or linepipe or guide-pipe or line-pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:18 |
| S117 | 434 | S113 and (seamless or seam-less) near5 (pipe or tube or guide or line) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:19 |
| S118 | 619 | S116 or S96 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:20 |
| S119 | 113 | S95 and (austenitiz\$8 or austeniz\$8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:21 |
| S120 | 96 | S119 and (pipe or tube or seam-less or seamless or guidepipe or guide-pipe or linepipe or line-pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:21 |
| S121 | 689 | S118 or S120 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:22 |

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| S122 | 97 | (US-20060130945-\$ or US-20050000601-\$ or US-20060219326-\$ or US-20070089813-\$ or US-20070116975-\$ or US-20070246130-\$ or US-20050217768-\$ or US-20070216126-\$ or US-20050087269-\$ or US-20060169368-\$ or US-20050076975-\$ or US-20050039826-\$ or US-20030155052-\$ or US-20050167013-\$ or US-20080047635-\$).did. or (US-5454883-\$ or US-4814141-\$ or US-4721536-\$ or US-4020312-\$ or US-6260789-\$ or US-6517643-\$).did. or (WO-2004097059-\$ or WO-2004092423-\$ or WO-2007017161-\$).did. or (WO-0070107-\$ or JP-07090477-\$ or JP-58037120-\$ or JP-2002327234-\$ or US-20060266785-\$ or US-20020152556-\$ or JP-05112844-\$ or JP-11140580-\$ or KR-2006009078-\$ or FR-2847271-\$ or FR-2847910-\$ or EP-903413-\$ or JP-2003143764-\$ or EP-43866-\$ or JP-07179941-\$ or JP-09287027-\$ or JP-60077962-\$ or WO-2004031420-\$ or JP-2004131802-\$ or JP-57104623-\$ or WO-03006699-\$ or WO-02079526-\$ or JP-06172858-\$ or JP-57035625-\$ or FR-2536765-\$ or EP-1354973-\$).did. or (JP-60077926-\$ or JP-10176239-\$ or US-3965708-\$ or DE-2461087-\$ or JP-54157718-\$ or WO-2006009078-\$ or JP-02050916-\$ or JP- | US-PGPUB; USPAT; EPO; DERWENT | ADJ | ON | 2008/11/25 12:22 |
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| | | 05112843-\$ or EP- 1312690-\$ or JP- 2001234242-\$ or JP- 2001240913-\$ or JP- 2000119749-\$ or JP- 2007196237-\$ or WO- 2008000300-\$ or JP- 09287029-\$ or WO- 02103070-\$ or JP- 2000104117-\$ or JP- 06172857-\$ or JP- 07026323-\$ or JP- 09235617-\$ or JP- 06172855-\$ or JP- 07041855-\$ or JP- 07207410-\$ or JP- 2006009078-\$ or JP- 2003180290-\$ or US- 20030086324-\$ or WO- 9800569-\$).did. or (WO- 2004074529-\$ or JP- 06336639-\$ or JP- 04341540-\$ or WO- 9849362-\$ or EP- 1382703-\$ or JP- 06322477-\$ or JP- 2003328079-\$ or WO- 0162998-\$ or WO- 0194655-\$ or JP- 2001303130-\$ or WO- 2005113848-\$ or EP- 320003-\$ or DE-3339269- \$ or JP-11229079-\$ or JP- 54131522-\$ or JP- 04002715-\$ or WO- 9900525-\$ or JP- 09209079-\$ or WO- 0068443-\$ or WO- 9502074-\$).did. | | | | |
| S123 | 12203 | (seam-less or seamless) near5 (pipe or tube or guide\$2pipe or line\$2pipe or guide\$2tube or line \$2tube) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:26 |

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| S124 | 201 | S123 and (carbon or C) and (manganese or Mn!) and (molybdenum or mo!) and (chromium or Cr!) and (vanadium or V!) and (niobium or Nb) and (nickel or Ni!) and (aluminum or aluminium or al!) and (silicon or si!) and (phosphorus or P!) and (sulphur or sulfur or S!) and (titanium or ti!) and (nitrogen or N!) and (copper or cu!) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:27 |
| S125 | 780 | S121 or S124 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:27 |
| S126 | 757 | S125 not S122 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:27 |
| S127 | 742 | S126 and (pipe or tube or seam-less or seamless or guide\$pipe or line \$pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 12:28 |
| S128 | 222 | S127 and (seamless or seam-less) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 13:39 |
| S129 | 231 | S127 and (seamless or seam-less or touch adj2 down or oil adj2 country) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 13:39 |
| S130 | 231 | S127 and (seamless or seam-less or touch adj2 down or oil adj2 country or catenary adj2 riser) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 13:39 |

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| S131 | 66 | (touch adj2 down or touch-down or oil adj2 country or catenary near3 riser) and (seamless or seam-less) near5 (pipe or tube or guide\$2line or guide\$2 pipe or line\$2tube or line \$2 pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:17 |
| S132 | 44 | S131 not S130 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:17 |
| S133 | 748 | (heavy or thick) near5 (wall or thickness) and (seamless or seam-less) near5 (pipe or tube or guide\$2line or guide\$2 pipe or line\$2tube or line \$2 pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:27 |
| S134 | 147 | (heavy or thick) adj3 (gauge or wall or thickness) same (seamless or seam-less) near5 (pipe or tube or guide\$2line or guide\$2 pipe or line\$2tube or line \$2 pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:27 |
| S135 | 139 | S134 not (S132 or S130) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:30 |
| S136 | 128 | (US-20060130945-\$ or US-20050000601-\$ or US-20060219326-\$ or US-20070089813-\$ or US-20070116975-\$ or US-20070246130-\$ or US-20050217768-\$ or US-20070216126-\$ or US-20050087269-\$ or US-20060169368-\$ or US-20050076975-\$ or US-20050039826-\$ or US-20030155052-\$ or US-20050167013-\$ or US-20080047635-\$ or US-20080283161-\$ or US-20080265553-\$ or US-20080257459-\$ or US- | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/11/25 14:30 |

20070217942-\$ or US-
20060124211-\$ or US-
20060073352-\$ or US-
20020011284-\$.did. or
(US-5454883-\$ or US-
4814141-\$ or US-
4721536-\$ or US-
4020312-\$ or US-
6260789-\$ or US-
6517643-\$ or US-
7416617-\$ or US-
7082992-\$ or US-
6878219-\$ or US-
4421575-\$.did. or (WO-
2004097059-\$ or WO-
2004092423-\$ or WO-
2007017161-\$ or EP-
1876254-\$ or WO-
2006103894-\$.did. or
(JP-09118919-\$ or JP-
09111343-\$ or JP-
06172858-\$ or JP-
06172857-\$ or JP-
02050916-\$ or JP-
62149814-\$ or JP-
61238917-\$ or JP-
60067623-\$ or JP-
57134517-\$ or JP-
57013152-\$.did. or (WO-
0070107-\$ or JP-
07090477-\$ or JP-
58037120-\$ or JP-
2002327234-\$ or US-
20060266785-\$ or US-
20020152556-\$ or JP-
05112844-\$ or JP-
11140580-\$ or KR-
2006009078-\$ or FR-
2847271-\$ or FR-
2847910-\$ or EP-903413-
\$ or JP-2003143764-\$ or
EP-43866-\$ or JP-
07179941-\$ or JP-
09287027-\$ or JP-
60077962-\$ or WO-
2004031420-\$ or JP-
2004131802-\$ or JP-
57104623-\$ or WO-
03006699-\$ or WO-
02079526-\$ or JP-
06172858-\$ or JP-
57035625-\$ or FR-
2536765-\$ or EP-
1354973-\$.did. or (JP-
60077926-\$ or JP-
10176239-\$ or US-
3965708-\$ or DE-

2461087-\$ or JP-
54157718-\$ or WO-
2006009078-\$ or JP-
02050916-\$ or JP-
05112843-\$ or EP-
1312690-\$ or JP-
2001234242-\$ or JP-
2001240913-\$ or JP-
2000119749-\$ or JP-
2007196237-\$ or WO-
2008000300-\$ or JP-
09287029-\$ or WO-
02103070-\$ or JP-
2000104117-\$ or JP-
06172857-\$ or JP-
07026323-\$ or JP-
09235617-\$ or JP-
06172855-\$ or JP-
07041855-\$ or JP-
07207410-\$ or JP-
2006009078-\$ or JP-
2003180290-\$ or US-
20030086324-\$ or WO-
9800569-\$).did. or (WO-
2004074529-\$ or JP-
06336639-\$ or JP-
04341540-\$ or WO-
9849362-\$ or EP-
1382703-\$ or JP-
06322477-\$ or JP-
2003328079-\$ or WO-
0162998-\$ or WO-
0194655-\$ or JP-
2001303130-\$ or WO-
2005113848-\$ or EP-
320003-\$ or DE-3339269-
\$ or JP-11229079-\$ or JP-
54131522-\$ or JP-
04002715-\$ or WO-
9900525-\$ or JP-
09209079-\$ or WO-
0068443-\$ or WO-
9502074-\$ or WO-
2008123025-\$ or WO-
2008045631-\$ or WO-
2007017161-\$ or WO-
2007013503-\$ or WO-
2006103894-\$ or WO-
2004106572-\$ or JP-
06184635-\$).did. or (JP-
61238917-\$).did.

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| S137 | 136 | S135 not S136 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:30 |
| S138 | 11 | S134 not S137 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:41 |
| S139 | 89 | Centro near3 Sviluppo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:54 |
| S140 | 2675 | "40" near3 'mm' same (thickness or gauge) same (wall) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:56 |
| S141 | 73911 | "40 mm" or "40 millimeter" same (thickness or gauge) same (wall) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:56 |
| S142 | 70 | ("40 mm" or "40 millimeter") same (thickness or gauge) same (wall) and (seam \$1less) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 14:56 |
| S143 | 0 | (seamless or seam-less) near5 (guidepipe or guide-pipe or guide pipe or gtube tube or guide- tube) and (wall near5 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:06 |
| S144 | 17 | (seamless or seam-less) near5 (guidepipe or guide-pipe or guide pipe or guide tube or guide- tube) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:06 |

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| S145 | 2808 | (seamless or seam-less) near15 (pipe or tube or guide-pipe or guide-tube or guidepipe or guidetube) and wall near5 thickness | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:07 |
| S146 | 2550 | (seamless or seam-less) near5 (pipe or tube or guide-pipe or guide-tube or guidepipe or guidetube) and wall near3 thickness | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:08 |
| S147 | 541 | (seamless or seam-less) near5 (pipe or tube or guide-pipe or guide-tube or guidepipe or guidetube) and (wall near3 thickness) near5 (millimeter or "mm") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:08 |
| S148 | 36 | (Kunio near2 Kondo).in. and (wall near3 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:25 |
| S149 | 59 | Tenaris | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:44 |
| S150 | 3 | (Dionino near2 Colleluori). in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:51 |
| S151 | 16 | (heavy-wall or heavy adj2 wall) same (seamless or seam-less) near5 (pipe or tube or guidepipe or guide-pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:53 |
| S152 | 16 | (heavy-wall or heavy adj2 wall) same (seamless or seam-less) near5 (pipe or tube or guidepipe or guide-pipe or guidetube or guide- tube or linepipe or line- pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:53 |

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| S153 | 116 | (heavy-wall or (heavy or thick) adj2 wall) same (seamless or seam-less) near5 (pipe or tube or guidepipe or guide-pipe or guidetube or guide-tube or linepipe or line-pipe) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 15:54 |
| S154 | 1 | "2004124158" | DERWENT | ADJ | ON | 2008/11/25 16:38 |
| S155 | 1 | "2002129283" | DERWENT | ADJ | ON | 2008/11/25 16:38 |
| S156 | 1 | "09235617" | DERWENT | ADJ | ON | 2008/11/25 16:38 |
| S157 | 1 | "09287027" | DERWENT | ADJ | ON | 2008/11/25 16:38 |
| S158 | 1 | "2001158935" | DERWENT | ADJ | ON | 2008/11/25 16:39 |
| S159 | 1 | "08283906" | DERWENT | ADJ | ON | 2008/11/25 16:39 |
| S160 | 1 | "57005819" | DERWENT | ADJ | ON | 2008/11/25 16:39 |
| S161 | 4 | "2003066580" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:39 |
| S162 | 5 | "10140250" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:39 |
| S163 | 1 | GB "1491729" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:39 |
| S164 | 2 | "2000104117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:39 |

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| S165 | 2 | "2000104117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S166 | 2 | "2000169913" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S167 | 4 | "09235617" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S168 | 3 | "07030391" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S169 | 4 | "4105474".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S170 | 2 | "2002129283" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S171 | 3 | "20020129283" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S172 | 2 | US "5454883" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |

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| S173 | 6 | "11229079" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S174 | 4 | "2001192773" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S175 | 3 | "2000176680" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S176 | 2 | "2001158935" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:40 |
| S177 | 2 | "20020033591" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:41 |
| S178 | 2 | US "4772771" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:41 |
| S179 | 8 | "6245290" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:41 |
| S180 | 62 | S154 or S155 or S156 or S157 or S158 or S159 or S160 or S161 or S162 or S163 or S164 or S165 or S166 or S167 or S168 or S169 or S170 or S171 or S172 or S173 OR S174 OR S175 OR S176 OR S177 OR S178 OR S179 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 16:41 |

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| S181 | 28 | S154 or S155 or S156 or S157 or S158 or S159 or S160 or S161 or S162 or S163 or S164 or S165 or S166 or S167 or S168 or S169 or S170 or S171 or S172 or S173 OR S174 OR S175 OR S176 OR S177 OR S178 OR S179 | DERWENT | ADJ | ON | 2008/11/25 16:42 |
| S182 | 16 | (Ingo near2 Hagen).in. and (seamless or seam- less) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/25 19:41 |
| S183 | 5 | (catenary near5 riser) same (wall near5 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 14:48 |
| S184 | 26 | (steel near5 riser) same (wall near5 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 14:53 |
| S185 | 24 | S184 not S183 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 14:53 |
| S186 | 4430 | (steel near5 tube) same (wall near5 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 15:07 |
| S187 | 2691 | (steel adj2 tube) same (wall near5 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 15:07 |
| S188 | 2310 | (steel adj2 tube) same (wall adj2 thickness) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 15:07 |

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| S189 | 79 | (steel adj2 tube) same (wall adj2 thickness) and "40" mm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/11/28 15:07 |
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